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CLAIMS

1. A structured composition comprising at least one liquid fatty phase comprising at least one volatile solvent, the liquid fatty phase being structured by at least one polymer with a weight-average molecular mass of less than or equal to 100 000 comprising a) a polymer backbone having hydrocarbonaceous repeat units provided with at least one heteroatom and b) at least one optionally functionalized pendant and/or end fatty chain having from 6 to 120 carbon atoms which is bonded to these hydrocarbonaceous units, the liquid fatty phase and the polymer forming a physiologically acceptable medium.

2. The composition as claimed in claim [lacuna], characterized in that the heteroatom is a nitrogen atom.

3. The composition as claimed in claim 1 or 2, characterized in that the heteroatom-comprising units are amides.

4. The composition as claimed in one of the preceding claims, characterized in that the fatty chains represent from 40 to 98% of the total number of heteroatom-comprising units and fatty chains.

5. The composition as claimed in one of the preceding claims, characterized in that the fatty chains represent from 50 to 95% of the total number of heteroatom-comprising units and fatty chains.

6. The composition as claimed in one of the preceding claims, characterized in that the pendant fatty chains are bonded directly to at least one of said heteroatoms.

7. A structured composition comprising at least one liquid fatty phase comprising at least one volatile solvent, the liquid fatty phase being structured by at least one polyamide with a weight-average molecular mass ranging from 1 000 to 30 000 comprising a) a polymer backbone having amide repeat units and b) optionally at least one optionally functionalized pendant and/or end fatty chain having from 12 to 120 carbon atoms which is bonded to these amide units, the liquid fatty phase and the polymer forming a physiologically acceptable medium.

8. The composition as claimed in the preceding claim, characterized in that the fatty chains represent from 40 to 98% of the total number of amide units and fatty chains.

9. The composition as claimed in claim 7 or 8, characterized in that the fatty chains represent from 50 to 95% of the total number of amide units and fatty chains.

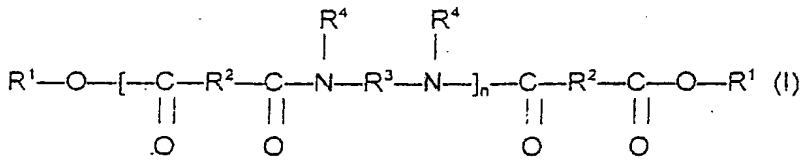
10. The composition as claimed in one of claims 7 to 9, characterized in that the pendant fatty chains are bonded directly to at least one of the nitrogen atoms of the amide units.

11. The composition as claimed in one of the preceding claims, characterized in that the weight-average molar mass ranges from 1 000 to 30 000, preferably from 2 000 to 20 000 and better still from 2 000 to 10 000.

12. The composition as claimed in one of the preceding claims, characterized in that the end fatty chains are bonded to the backbone via ester groups.

13. The composition as claimed in one of the preceding claims, characterized in that the fatty chains have from 12 to 120 carbon atoms and better still from 12 to 68 carbon atoms.

14. The composition as claimed in one of the preceding claims, characterized in that the polymer is chosen from polymers of following formula (I) and their mixtures:



in which n denotes a number of amide units, such that the number of ester groups represents from 10% to 50% of the total number of ester and amide groups; R^1 is, in each case, independently an alkyl or alkenyl group having at least 4 carbon atoms; R^2 independently represents, in each case, a C_4 to C_{42} hydrocarbonaceous

group, provided that 50% of the R^2 groups represent a C_{30} to C_{42} hydrocarbonaceous group; R^3 independently represents, in each case, an organic group provided with at least 2 carbon atoms, with hydrogen atoms and optionally with one or more oxygen or nitrogen atoms; and R^4 independently represents, in each case, a hydrogen atom, a C_1 to C_{10} alkyl group or a direct bond to R^3 or another R^4, so that the nitrogen atom to which both R^3 and R^4 are bonded forms part of a heterocyclic structure defined by R^4-N-R^3, with at least 50% of the R^4 groups representing a hydrogen atom.

15. The composition as claimed in the preceding claim, characterized in that R^1 is a C_{12} to C_{22} alkyl group.

16. The composition as claimed in either of claims 14 and 15, characterized in that R^2 are groups having from 30 to 42 carbon atoms.

17. The composition as claimed in one of the preceding claims, characterized in that the polymer represents from 0.5 to 80% of the total weight of the composition and better still from 5 to 40%.

18. The composition as claimed in one of the preceding claims, in which the volatile solvent is chosen from oils which do not have a flashpoint, oils which have a flashpoint ranging from 40 to 100°C, and their mixtures.

19. The composition as claimed in one of the preceding claims, characterized in that the volatile

solvent is chosen from volatile hydrocarbonaceous oils having from 8 to 16 carbon atoms and their mixtures.

20. The composition as claimed in one of the preceding claims, characterized in that the volatile solvent is chosen from branched C_8-C_{16} alkanes, branched C_8-C_{16} esters and their mixtures.

21. The composition as claimed in one of the preceding claims, characterized in that the volatile solvent is chosen from C_8-C_{16} and in particular C_8-C_{13} isoparaffins, isododecane and their mixtures.

22. The composition as claimed in one of the preceding claims, characterized in that the volatile solvent represents a level by mass of 3 to 99.5%, preferably of 10 to 75% and better still of 15 to 45%.

23. The composition as claimed in one of the preceding claims, characterized in that the liquid fatty phase additionally comprises at least one nonvolatile oil.

24. The composition as claimed in one of the preceding claims, characterized in that the liquid fatty phase additionally comprises at least one nonvolatile oil chosen from hydrocarbonaceous oils of mineral, vegetable or synthetic origin, synthetic esters or ethers, silicone oils and their mixtures.

25. The composition as claimed in one of the preceding claims, characterized in that the liquid fatty phase comprises at least 40% of the total weight of the liquid fatty phase of nonpolar oil and better

still from 50 to 100% of the total weight of the liquid fatty phase.

26. The composition as claimed in one of the preceding claims, characterized in that the liquid fatty phase represents from 5 to 99% of the total weight of the composition and better still from 20 to 75%.

27. The composition as claimed in one of the preceding claims, characterized in that it constitutes a composition for caring for and/or treating and/or making up keratinous substances.

28. The composition as claimed in one of the preceding claims, characterized in that it additionally comprises at least one coloring material.

29. The composition as claimed in claim 26, characterized in that the coloring material is chosen from lipophilic dyes, hydrophilic dyes, pigments, pearlescent agents and their mixtures.

30. The composition as claimed in claim 28 or 29, characterized in that the coloring material is present in a proportion of 0.01 to 50% of the total weight of the composition, preferably of 5 to 30%.

31. The composition as claimed in one of the preceding claims, characterized in that it comprises at least one additive chosen from water, antioxidants, essential oils, preservatives, fragrances, fillers, waxes, fatty compounds which are pasty at ambient temperature, neutralizing agents, fat-soluble polymers

or polymers which are dispersible in the medium, cosmetic or dermatological active principles, dispersants, and their mixtures.

32. The composition as claimed in one of the preceding claims, characterized in that it comprises at least one fat-soluble polymer or polymer which is dispersible in the medium chosen from vinylpyrrolidone copolymers, C_3 to C_{22} alkene copolymers and their combinations.

33. The composition as claimed in one of the preceding claims, characterized in that it is provided in the form of a stiff gel and in particular of an anhydrous stick.

34. The composition as claimed in one of the preceding claims, characterized in that it is provided in the form of a mascara, eyeliner, foundation, lipstick, blusher, deodorant or make-up-removing product, product for making up the body, eyeshadow, face powder, concealer, shampoo, conditioner, antisun protection [lacuna], or product for caring for the face or body.

35. The composition as claimed in one of the preceding claims, characterized in that it constitutes a make-up product.

36. The composition as claimed in one of the preceding claims, characterized in that it is provided in the form of a stick with a hardness ranging from 30 to 150 g.

37. A lipstick composition as a stick comprising at least one continuous liquid fatty phase comprising at least one volatile solvent, the liquid fatty phase being structured by at least one nonwaxy polymer which confers on the composition the appearance of a deformable and elastic solid with a hardness ranging from 30 to 150 g, in the absence of wax.

38. The composition as claimed in claim 37, characterized in that it additionally comprises at least one additive chosen from fatty compounds which are pasty at ambient temperature, fat-soluble polymers and their mixtures.

39. A cosmetic process for caring for, making up or treating human keratinous substances, comprising the application to the keratinous substances of the cosmetic composition in accordance with one of the preceding claims.

40. The use of a combination of at least one volatile solvent and of at least one polymer with a weight-average molecular mass ranging from 1 000 to 30 000, comprising a) a polymer backbone having hydrocarbonaceous repeat units provided with at least one heteroatom and b) optionally at least one optionally functionalized pendant and/or end fatty chain having from 12 to 120 carbon atoms which is bonded to these hydrocarbonaceous units, in a cosmetic composition or for the manufacture of a physiologically acceptable composition, for decreasing the transfer

onto and/or the deposition on a substrate of traces of a film of said composition, applied to keratinous substances, brought into contact with said substrate and/or for increasing the hold of said film and/or for decreasing its migration.

41. The use as claimed in the preceding claim, characterized in that the polymer is a polyamide comprising end groups with an ester group comprising a hydrocarbonaceous chain having from 10 to 42 carbon atoms.

42. The use as claimed in claim 40 or 41, characterized in that the volatile solvent is chosen from C_8-C_{16} and in particular C_8-C_{13} isoparaffins, isododecane and their mixtures.